

# White Pines Collegiate and Vocational School

## ENVIRONMENT

### Specialist High Skills Major

#### DESTINATION PATHWAY

\*\*Environment SHSM students may choose from the following pathways

Apprenticeship Training

College

University

Workplace

| BUNDLED CREDITS       |                |        |         |        |            |        |           |        |
|-----------------------|----------------|--------|---------|--------|------------|--------|-----------|--------|
|                       | Apprenticeship |        | College |        | University |        | Workplace |        |
|                       | Gr. 11         | Gr. 12 | Gr. 11  | Gr. 12 | Gr. 11     | Gr. 12 | Gr. 11    | Gr. 12 |
| MAJOR CREDITS         | 4              |        | 4       |        | 4          |        | 4         |        |
| ENGLISH               | 2              |        | 2       |        | 2          |        | 2         |        |
| MATH                  | 1              |        | 1       |        | 1          |        | 1         |        |
| COOPERATIVE EDUCATION | 2              |        | 2       |        | 2          |        | 2         |        |

| SENIOR ENVIRONMENT CREDITS |              |          |          |
|----------------------------|--------------|----------|----------|
| GRADE 11                   |              | GRADE 12 |          |
| BAF 3M                     | SPH3U        | CGW4C/U  | SNC 4M/E |
| CHW 3M                     | TGJ3M        | CGR4M    | TGJ4M    |
| CLU 3M                     | TCJ3C/E      | HSB4U    | TCJ4C    |
| NBV 3C                     | TMJ3C/O      | PPL 4O   | TCJ4E    |
| PPL 3O                     | TDJ3M/E      | PSE4U    | TMJ4C    |
| PPZ3O                      | TTJ3C/O      | PAF4O    | TMJ4E    |
| PAF 3O                     |              | PSK 4U   | TDJ4M    |
| SNV 3M                     | PAD 3O*      | SVN4M    | TTJ4C    |
| SNV3E                      | SVN 3E*      | SBI4U    | TTJ4E    |
| SBI 3C                     | CGT 3E*      | SCH4U    | IDC4U    |
| SBI 3U                     | * outdoor ed | SCH4C    |          |
| SCH 3U                     |              | SPH4U    |          |
|                            |              | SPH4C    |          |

CHOOSE 4 MAJOR ENVIRONMENTAL CREDITS IN GRADE 11/12.

AT LEAST ONE MUST BE A GRADE 12 CREDIT.

| SECTOR-RECOGNIZED CERTIFICATIONS / TRAINING COURSES & PROGRAMS |                                                   |                                                          |                                              |
|----------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------|----------------------------------------------|
| COMPULSORY (4)                                                 |                                                   |                                                          |                                              |
| Cardiopulmonary Resuscitation (CPR) Level C (including AED)    | Standard First Aid                                | Workplace Hazardous Materials Information System (WHMIS) | global positioning system (GPS)              |
| ELECTIVE (3)                                                   |                                                   |                                                          |                                              |
| advanced training in a technique (e.g. knots)                  | animal and plant management                       | Below Zero                                               | chainsaw safety                              |
| customer service                                               | fire safety and fire extinguisher use             | geographic information system (GIS)                      | habitat restoration                          |
| Hike Ontario                                                   | Innovation, Creativity and Entrepreneurship (ICE) | introduction to stream assessment protocol               | ladder safety training                       |
| leadership skills                                              | Leave No Trace                                    | life-saving (Bronze Cross or higher)                     | Ontario Hunter Education                     |
| paddling techniques                                            | Pleasure Craft Operator                           | portfolio development                                    | project management                           |
| Project Wild                                                   | radio operator                                    | search and rescue                                        | sector-specific vehicle operation and safety |
| species identification                                         | water/ice safety                                  | watershed management                                     | wilderness first aid                         |
| wilderness survival                                            | Working at Heights                                |                                                          |                                              |

| EXPERIENTIAL LEARNING / CAREER EXPLORATION                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• one-on-one observation of a coop student at a coop placement</li> <li>• day long observation of a worker in this sector (job shadowing)</li> <li>• one or two week work experience in the sector</li> <li>• tour of various sector sites</li> <li>• attendance at a trade show, conference or job fair / attendance at a workshop provided by a sector vendor</li> </ul> |
| REACH AHEAD EXPERIENCES                                                                                                                                                                                                                                                                                                                                                                                           |
| <ul style="list-style-type: none"> <li>• Apprenticeship: visiting an approved apprenticeship delivery agent in the sector</li> <li>• College: interviewing a college student enrolled in a sector-specific program / taking a dual credit course related to the Environment Sector</li> <li>• University: observing a university class</li> <li>• Workplace: interviewing an employee in the sector</li> </ul>    |
| SECTOR PARTNER CONTEXTUALIZED COMPONENT                                                                                                                                                                                                                                                                                                                                                                           |
| <ul style="list-style-type: none"> <li>• Math / Coding / I.C.E. Training</li> </ul>                                                                                                                                                                                                                                                                                                                               |